

XD-68 單製冷器+溫控器

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溫馨提示：冷端結霜需要環境溫度低，不是什麼環境都可以結霜，一般結霜環境溫度在 25 度以下

二管配件清單

- 1：12V/10A 電源供應器 (需另外選購)
- 2：40*40 風扇 1 個
- 3：PP 塑料隔離板 1 個
- 4：夾具 1 套
- 5：12706A 類製冷片 1 個
- 6：隔熱墊 1 個
- 7：2 管散熱器 1 套 (含 9025 風扇 2 個+2 管散熱器 1 個+風扇扣件 4 個)

三管散熱器配件

- 1：12V/10A 電源供應器 (需另外選購)
- 2：40*40 風扇 1 個
- 3：PP 塑料隔離板 1 個
- 4：夾具 1 套
- 5：12706A 類製冷片 1 個
- 6：隔熱墊 1 個
- 7：3 管散熱器 1 套 (含 9025 風扇 2 個+3 管散熱器 1 個+風扇扣件 4 個)

溫馨提示：以上組件除電源供應器需另外選購外，其餘以組裝好，接線需要自己接喔

XDHY

DIY制冷器 制冷端可结冰

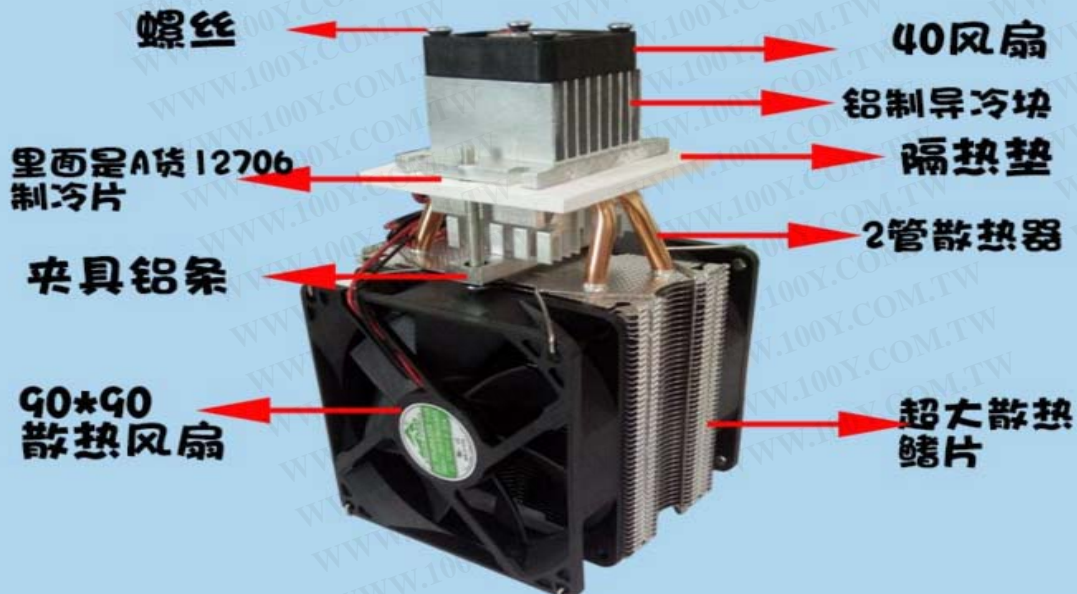


注意啦 如果冷端结霜请把螺丝松下 把40风扇往上提一点才
不会卡住弄坏40风扇!!!

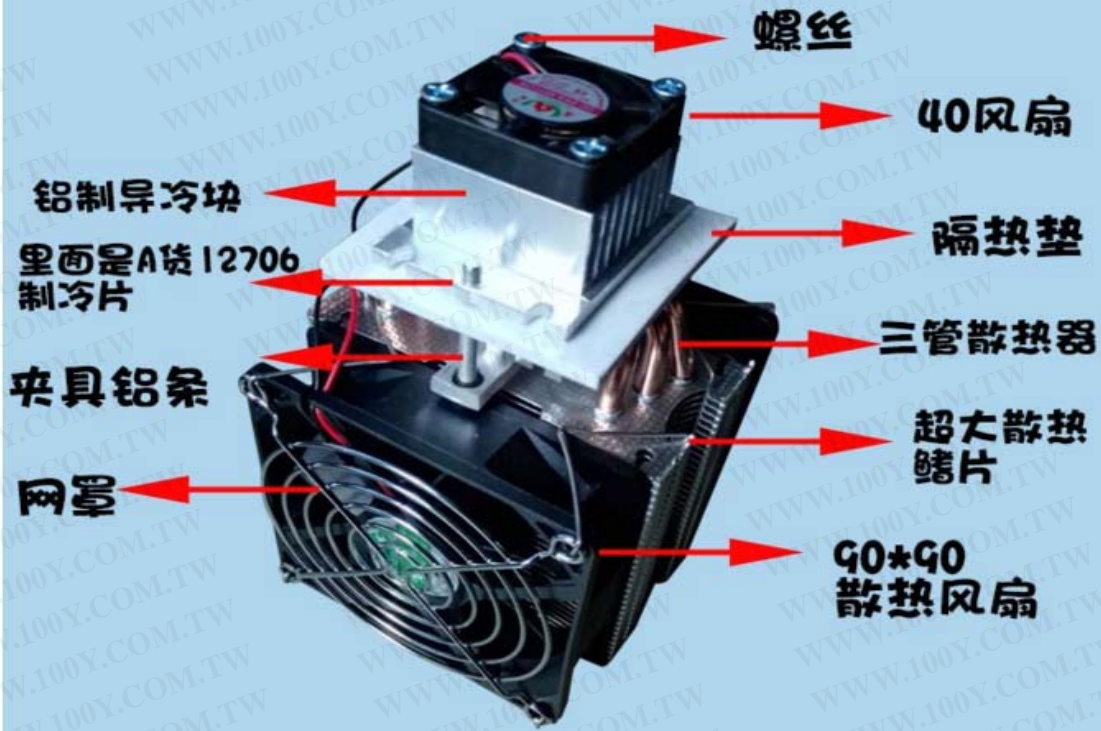
每个人的实验方式/空间/环境温度不同效果就
不一样的哦!!!

产品组成

二管产品构造图

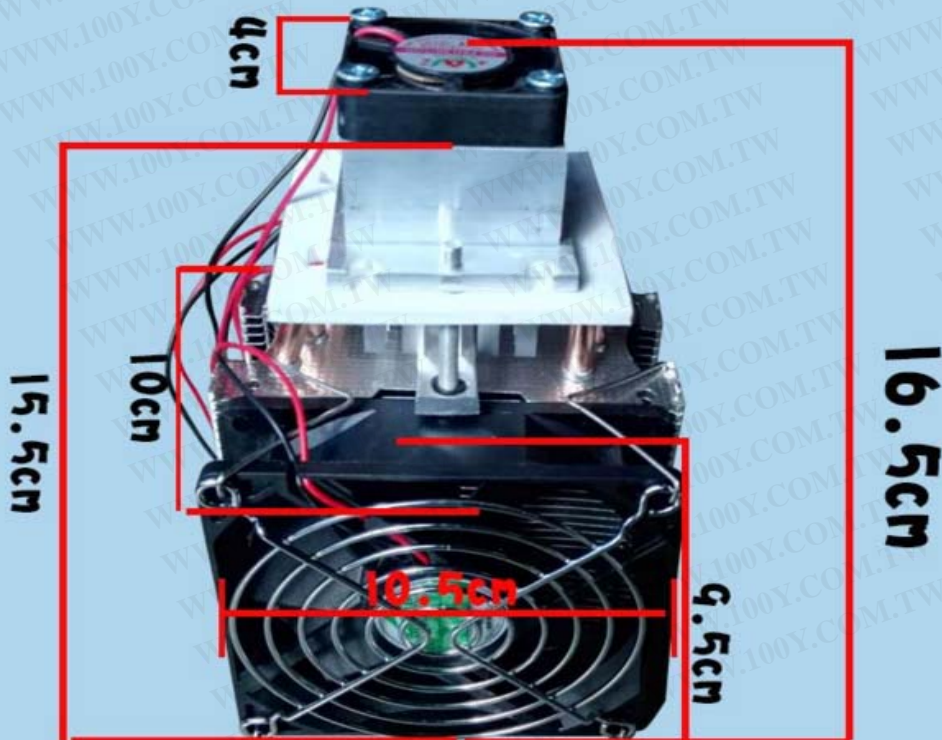


升级版三管散热构造图



产品尺寸图

二管跟三管大小是一样的

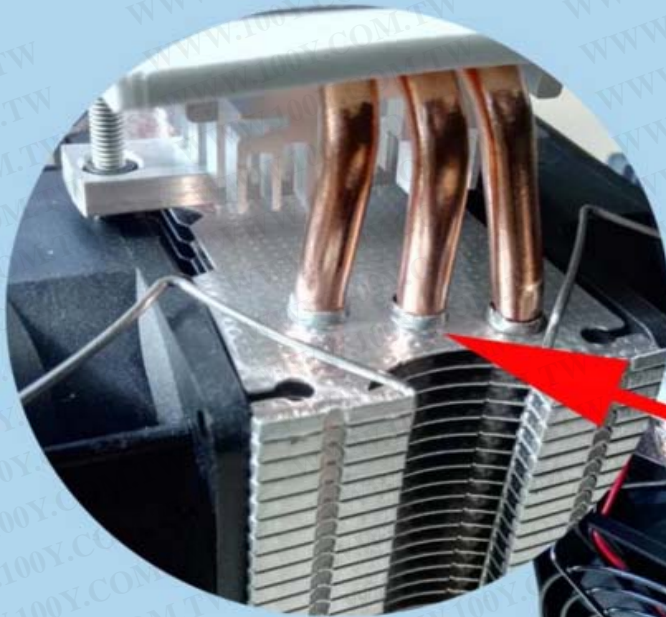


手工测量存在0.1-1.5cm 的差距

产品细节

二管的升级版

三铜管



高效散热


三管比二管的散热更好

升级加强版



10A电源

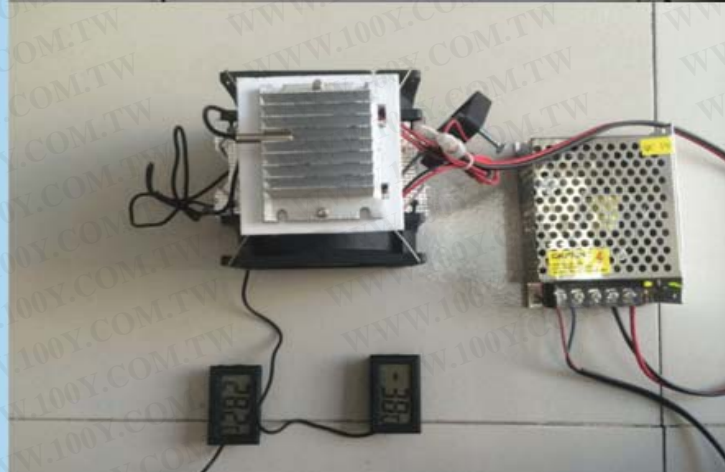


L 接火线, N接零线,  接地线,
-V接12V黑线 (负极), +V接12V红线 (正极)

在室温28.7度的
情况下做的测试



3分钟后



8分钟后

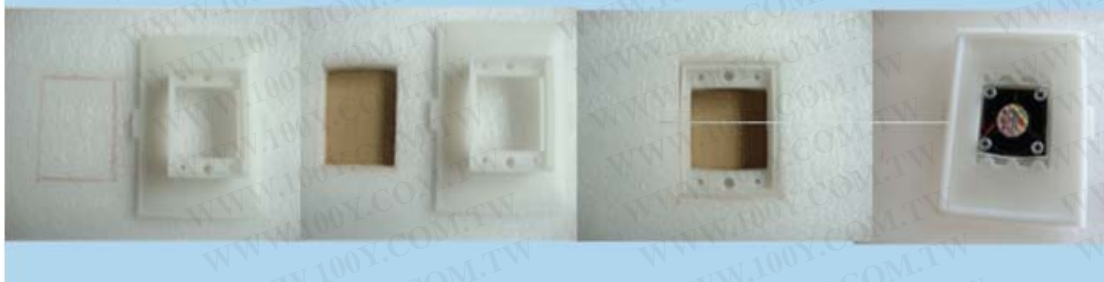


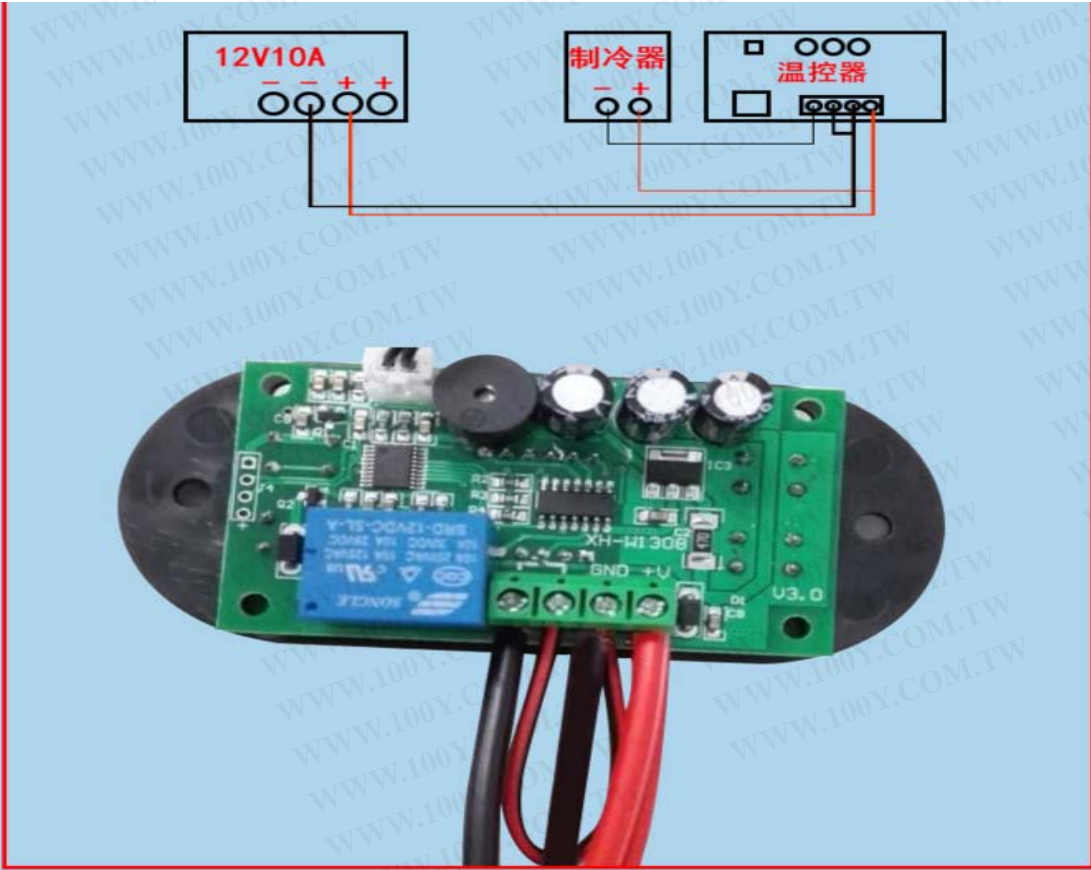
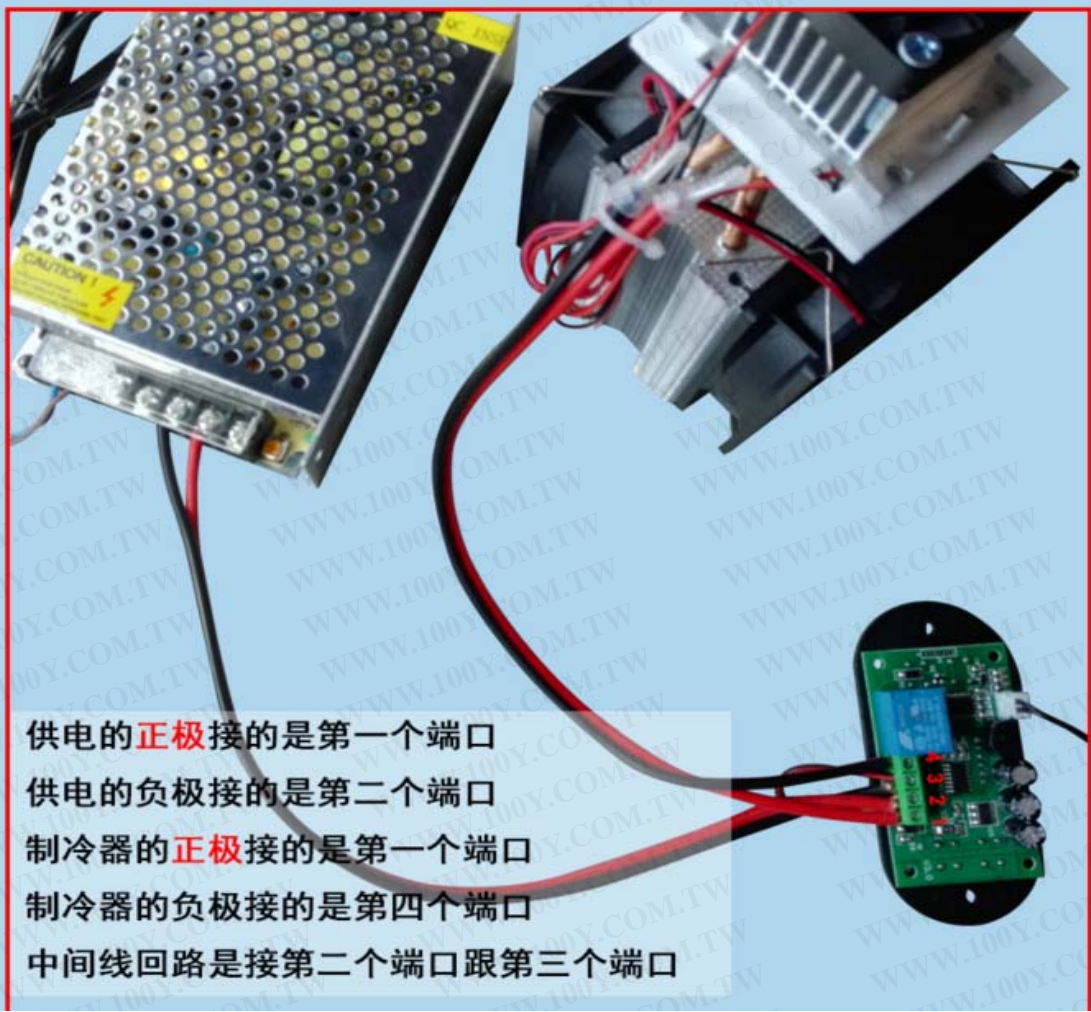
10分钟后



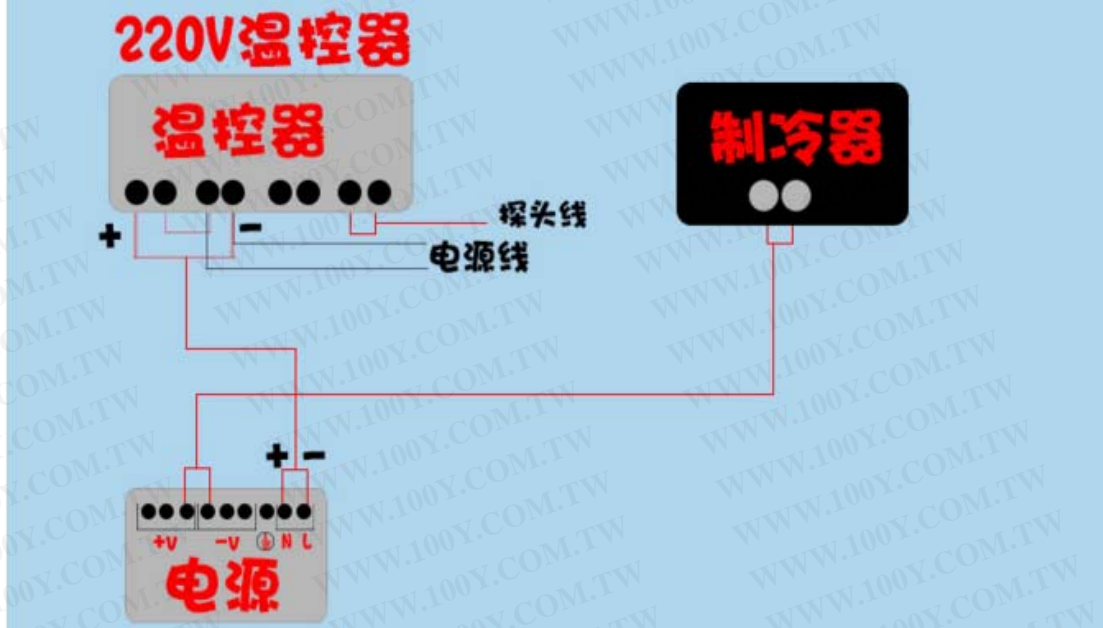
安装步骤:

- 1
- 2
- 3
- 4





接线图



此功能用于温度校对，如果实际测量值和实际温度有偏差时可以使用此功能校正。校正的值=测量值-校正值，例如我们测量出温度为25.6℃而实际温度是25.8度，即可将P4设定为0.2，那么显示温度就是25.6+0.2=25.8度了。

This function is used to correct the temperature, if there is deviation of the measured temperature and the actual temperature, you can use this function. For example, we measure the temperature of 25.6°C and actual temperature of 25.8°C, then you can set P4 to 0.2°C, then the displaying temperature is 25.8°C.

P5: 延时启动

P5: Delay Start

此功能一般用于压缩机制冷，如果购买此温控器用于冰箱或者冰柜那么此值必须设定的，根据压缩机的大小一般设定值为3-6分钟，如果不是控制压缩机或者不需要延时功能此值设置为“0”。

This function is generally used for the cooling of the refrigeration compressor, if you purchase the temperature controller for the refrigerator or freezer so this value must be set, according to return to the size of the pressure of a compressor. Generally it is set for 3-6 minutes, if it is not for controlling compressor or do not need the delay function, this value is set to "0".

P6: 高温报警

P6: High-temperature Alarm

设定高温报警值，当实际温度超过此值时屏幕和蜂鸣器会同时提示报警，同时也会切断输出，保护电路安全，报警显示屏显示“H”“H”“H”提示，蜂鸣器发出“滴”“滴”“滴”的声音。

After setting the high-temperature alarm value, when the actual temperature exceeds the alarm value, the screen and the buzzer will alarm together at the same time, it will also cut off the output, protect the circuit, and when alarming the screen displays the sign "H H H", the buzzer will send the sound like "Di Di Di".

P7: 数据锁

P7: Data Lock

如果设定值受保护，防止他人随意修改，可以在设定完参数后进入P7设定为ON，设定完成后，温度和内部参数将无法修改，除非进入P7调成OFF。

If you need to prevent other people to falsify your setting value, you can set P7 to ON after finishing the setting of the parameters, after setting to ON, the temperature and the internal parameters will not be falsified.

P8: 恢复出厂设定

P8: Restore Factory Settings

当设定值混乱或者发生故障，可进入P8调成ON可恢复出厂设定，也可以按上下键开机恢复出厂设定。

温度设定

Temperature Setting

温控器上电后即显示实际温度，按一次SET键屏闪以示，按上下键调整温度。

After the temperature controller is connected the power, it displays the actual temperature, and press the key SET screen will flash, then please press the key UP and DOWN to adjust the temperature.

长按SET键5秒进入系统设置，设定完成后按ENT确认返回。正常工作中，长按ENT可以实现关机。

Please press the key SET for 5 seconds all the time to enter the setting system. Then please press the key ENT to return after accomplishing the setting. When the temperature controller is under normal work, pressing the key ENT for long time can shut down.

P0: 工作模式

P0: Working Mode

当第一次拿到温控器使用的时候就要设定此值，如果用于升温加热就设定为“H”如果用于降温制冷就设定为“C”。

This value should be set when you start to use the temperature controller, if it used for heating up, it should be set to "H", if used for cooling and it should be set to "C".

P1: 回差设置

P1: Return Difference Setting

回差就是当温控器到达设定温度停止后，再次工作需要的差值，比如我们设定为加热模式，温度为37-40度，那么回差就是3度。

The return difference is that when the temperature controller reaches the temperature that we have set, the differences of temperature that we need. For example, we set the heating mode, the temperature is 37-40°C, then the return differences are 3°C.

P2-P3 设定限制高低

Setting Limits

P2-P3: 此功能是设定温度限制范围，并非参与设计设定温度，正常状态下温控器的设定范围是-5-120，如果不要那么大的范围，就可以使用此功能增加设定值的范围。如果P2设定为50，P3设定为20，那么温控器的设定范围只能在20-50之间设定。

This function is to set the temperature range of limited value, not to involve the design of setting temperature, under the normal state, the thermostat setting range is -5°C-120°C. If you do not need so big range, you can use this function to shorten the setting value range. If P2 is set to 50°C, P3 is set to 20°C, so the thermostat just can be set from 20°C to 50°C.

P4: 温度校正

P4: Temperature Correction

W2308功能说明

Function Description of W2308

温度控制范围: -55-120度

Temperature Control Range: -55°C-120°C

控制温度精度: 0.1度

Temperature Control Accuracy: 0.1°C

显示颜色: 红色/蓝色

Color of Displaying: red / blue

电源电压: 24V/12V可选择

Power Supply Voltage: 24V/12V (optionally)

数据保存: 有

Data Storage: yes

继电器: 10A

Relay: 10A

外观尺寸: 100MM*48MM*28MM

the size of appearance: 100mm*48mm*28mm

显示尺寸: 37MM*18MM

Size of Displaying: 37mm*18mm

开孔尺寸: 71MM*41MM

Opening Size: 71mm*41mm

固定孔距: M3/86MM

Fixed Hole distance: M3/86mm

代码说明:

Code Description:

代码/Code	说明/Explanation	设定范围 / Setting Range	出厂设置/Factory setting
P0	加热/制冷/Heating / Cooling	H/C	C
P1	回差/Return Difference	0.1-30°C	2.0°C
P2	设定限制最大值/Setting Limits to the Maximum	+120°C	120°C
P3	设定限制最小值/Setting Limits to the Minimum	-55°C	-55°C
P4	温度校正/Temperature Correction	+10~-10°C	0°C
P5	延时启动/Delay Start	0-999-10 minutes	0
P6	高温报警/High-temperature Alarm	-55°C-120°C	OFF
P7	数据锁定/Data Lock	ON-OFF	OFF
P8	恢复出厂设置/Factory Reset	ON-OFF	OFF

UP and DOWN to adjust for H mode, finally please press the key ENT to confirm return.

3: 在显示常温情况下, 长按SET 5秒, 温控页面显示P0(模式代码), 按上键, 调整到P1代码(回差), 然后再按一下SET, 进入P1代码参数设置界面, 然后按上下键调整参数值为5, 然后按一下ENT确认返回。

3: In the state of normal temperature, please press the key SET for 5 seconds all the time, when it displays the P0(mode code) on the temperature control page, please press the button UP to adjust to the code P1(return difference), then please press the key SET again to enter parameter Settings interface of the P1, and please press the button UP and DOWN to set the parameter value to 5, finally please press the key ENT to confirm return.

4: 以上设置完成, 工作模式就是, 30度停止加热, 25度启动制冷, 如需要其他温度设置, 请参照以上设置方法。

4: When finishing the all settings, the working mode is that the temperature controller will stop heating when the temperature is 30°C, start heating when the temperature is 25°C, if you need to set other temperatures, please refer to the above Settings.

1: 在显示常温情况下, 按一下SET, 设置数字闪烁, 然后按上: 和下: 键, 加减数字, 设置到25度, 然后按一下ENT确认返回。

1: In the state of displaying the normal temperature, please press the key SET to set the number flashing, then please press the button UP or DOWN to add and subtract Numbers to 25°C, and finally press the key ENT to confirm return.

2: 在显示常温情况下, 长按SET5秒, 温控页面显示P0(模式代码), 然后再按一下SET, 进入P0代码参数设置界面, 然后按上下键调整为C模式, 然后按一下ENT确认返回。

2: In the state of displaying the normal temperature, please press the key SET for 5 seconds all the time, it will display the P0(mode code) on the temperature control page, then press the key SET to enter P0 code parameter Settings interface, and please press the button UP and DOWN to adjust for C mode, finally please press the key ENT to confirm return.

3: 在显示常温情况下, 长按SET5秒, 温控页面显示P0(模式代码), 按上键, 调整到P1代码(回差), 然后再按一下SET, 进入P1代码参数设置界面, 然后按上下键调整参数值为5, 然后按一下ENT确认返回。

3: In the state of normal temperature, please press the key SET for 5 seconds all the time, when it displays the P0(mode code) on the temperature control page, please press the button UP to adjust to the code P1(return difference), then please press the key SET again to enter parameter Settings interface of the P1, and please press the button UP and DOWN to set the parameter value to 5, finally please press the key ENT to confirm return.

4: 以上设置完成, 工作模式就是, 25度停止, 30度启动, 如需要其他温度设置, 请参照以上设置方法。

4: when finishing the all settings, the working mode is that the temperature controller will stop cooling when the temperature is 25°C, starts cooling when the temperature is 30°C, if you need to set other temperatures, please refer to the above Settings.

控制加热设备, 需要30度停止加热, 25度启动制冷, 设置如下:

Controlling the heating equipment, it stops heating when the temperature is 30°C, starts heating when the temperature is 25°C. The setting way as follows:

1: 在显示常温情况下, 按一下SET, 设置数字闪烁, 然后按上: 和下: 键, 加减数字, 设置到30度, 然后按一下ENT确认返回。

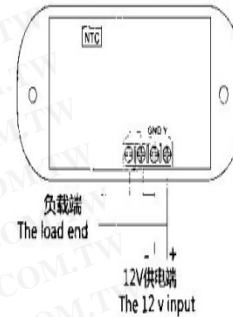
1: In the state of displaying the normal temperature, please press the key SET to set the number flashing, then please press the

2: 在显示常温情况下, 长按SET 5秒, 温控页面显示P0(模式代码), 然后再按一下SET, 进入P0代码参数设置界面, 然后按上下键调整为H模式, 然后按一下ENT确认返回。

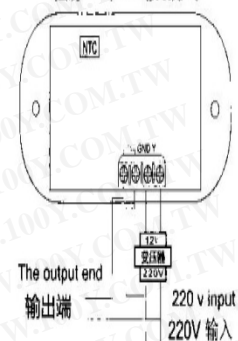
2: In the state of displaying the normal temperature, please press the key SET for 5 seconds all the time, it will display the P0(mode code) on the temperature control page, then press the key SET to enter P0 code parameter Settings interface, and please press the button

When setting value disorders or failures, you can enter the P8 to set the ON, which can restore the factory settings, you can also press the button UP and DOWN to restore the factory settings.

Control the 12 v connection mode



控制110v/220v接线方式



设置示例:

The Example about Setting:

控制制冷设备, 需要25度停止制冷, 30度启动制冷, 设置如下:

Controlling refrigeration equipment will stop cooling when the temperature is 25 °C, start cooling when the temperature is 30 °C. The setting way as follows:

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